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OM protein - protein search, using sw model

Run on: March 1, 2001, 16:19:16 ; Search time 46.88 Seconds

(without alignments)

11.108 Million cell updates/sec

Title: US-09-331-631A-33

Perfect score: 77
Sequence: 1 CXXCXXCXXXXXXXXXXXXCXXCXXC 29

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep.*
2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep.*
3: /cgn2_6/ptodata/2/1aa/6_COMB.pep.*
4: /cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep.*
5: /cgn2_6/ptodata/2/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	68	88.3	38	2	US-08-761-248B-11
2	68	88.3	42	2	US-08-761-248B-15
3	68	88.3	43	2	US-08-761-248B-13
4	68	88.3	44	2	US-08-761-248B-12
5	68	88.3	47	3	US-08-482-085B-91
6	68	88.3	297	2	US-08-580-545B-6
7	68	88.3	297	3	US-09-262-653A-6
8	68	88.3	644	1	US-08-336-708A-9
9	68	88.3	680	1	US-08-211-430-2
10	68	88.3	680	3	US-08-761-136-1
11	68	88.3	801	1	US-07-906-349A-6
12	68	88.3	911	2	US-08-484-438-10
13	68	88.3	1058	2	US-08-484-438-4
14	68	88.3	1210	2	US-08-484-438-7
15	68	88.3	1210	2	US-08-475-335-4
16	68	88.3	1308	2	US-08-484-438-2
17	68	88.3	1342	1	US-07-978-895-4
18	68	88.3	1342	1	US-08-484-438-9
19	68	88.3	1342	2	US-08-473-119-4
20	68	88.3	1342	2	US-08-475-352-4
21	68	88.3	1343	5	5183884-4
22	68	88.3	1345	2	US-08-977-767-3
23	68	88.3	2476	2	US-08-276-967-2
24	68	88.3	2813	3	US-08-896-449A-2
25	68	88.3	2813	3	US-09-132-652-2
26	67	87.0	39	1	US-08-036-555B-40
27	67	87.0	39	1	US-08-469-569-40
28	67	87.0	39	1	US-08-249-322A-40

29	67	87.0	39	1	US-08-469-526A-40	Sequence 40, Appl
30	67	87.0	39	2	US-08-734-591A-40	Sequence 40, Appl
31	67	87.0	39	2	US-08-469-660-40	Sequence 40, Appl
32	67	87.0	39	4	PCT-US94-05083C-40	Sequence 40, Appl
33	67	87.0	39	4	PCT-US95-06846A-40	Sequence 40, Appl
34	67	87.0	362	1	US-08-415-751-6	Sequence 6, Appl1
35	67	87.0	362	1	US-08-415-751-35	Sequence 35, Appl
36	67	87.0	624	3	US-08-422-108-1	Sequence 1, Appl1
37	67	87.0	782	2	US-09-146-283-4	Sequence 4, Appl1
38	67	87.0	782	3	US-08-579-823A-4	Sequence 4, Appl1
39	67	87.0	1255	1	US-08-467-083-68	Sequence 68, Appl
40	67	87.0	1255	1	US-08-414-417B-68	Sequence 68, Appl
41	67	87.0	1255	2	US-08-484-438-8	Sequence 8, Appl1
42	67	87.0	1255	2	US-08-486-348A-68	Sequence 68, Appl
43	67	87.0	1255	2	US-08-625-101-2	Sequence 2, Appl1
44	67	87.0	1255	2	US-08-468-545B-68	Sequence 68, Appl
45	67	87.0	1255	2	US-08-356-786-2	Sequence 2, Appl1

ALIGNMENTS

RESULT 1
US-08-761-248B-11
Sequence 11, Application US/08761248B
Patent No. 5958735
GENERAL INFORMATION:
APPLICANT: ROWLEY, DAVID R.
TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH
NUMBER OF INVENTION: FACTOR NUCLEOTIDE AND AMINO ACID SEQUENCES
CORRESPONDENCE ADDRESSES: 15
ADDRESSEE: Jenkins & Gilchrist
STREET: 1100 Louisiana, Suite 1800
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77002
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,248B
FILING DATE: 06-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/008,348
FILING DATE: 07-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Turley, Charles P
REGISTRATION NUMBER: 35,723
REFERENCE/DOCKET NUMBER: 34012.6
TELEPHONE/COMMUNICATION INFORMATION:
TELEPHONE: (713)9513310
TELEFAX: (713)9513314
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-761-248B-11

Query Match 88.3%; Score 68; DB 2; Length 38;
Best Local Similarity 17.9%; Pred. No. 29;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;
QY 2 XCCXXCXXXXXXXXXXXXCXXCXXC 29

Db 8 QNCTQECVSDSECADNKKCSAGCATFC 35

RESULT 2

US-08-761-248B-15
Sequence 15, Application US/08761248B
Patent No. 5958735
GENERAL INFORMATION:
APPLICANT: ROWLEY, DAVID R.
TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jenkins & Gilchrist
STREET: 1100 Louisiana, Suite 1800
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77002
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,248B
FILING DATE: 06-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/008,348
FILING DATE: 07-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Turley, Charles P
REGISTRATION NUMBER: 35,723
REFERENCE/DOCKET NUMBER: 34012.6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713)9513310
TELEFAX: (713)9513314
TELEX:
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-761-248B-15

Query Match 88.3%; Score 68; DB 2; Length 42;
Best Local Similarity 17.9%; Pred. No. 32;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;
QY 2 XXCXXCXXXXXXXXXXCXXCXXC 29
Db 10 GTCVELCSGDQSCPNIOKCCSNGCGHC 37

RESULT 3

US-08-761-248B-13
Sequence 13, Application US/08761248B
Patent No. 5958735
GENERAL INFORMATION:
APPLICANT: ROWLEY, DAVID R.
TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jenkins & Gilchrist
STREET: 1100 Louisiana, Suite 1800
CITY: Houston
STATE: TX

COUNTRY: USA
ZIP: 77002

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,248B
FILING DATE: 06-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/008,348
FILING DATE: 07-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Turley, Charles P
REGISTRATION NUMBER: 35,723
REFERENCE/DOCKET NUMBER: 34012.6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713)9513310
TELEFAX: (713)9513314
TELEX:
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 43 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-761-248B-13

Query Match 88.3%; Score 68; DB 2; Length 43;
Best Local Similarity 17.9%; Pred. No. 33;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXCXXCXXXXXXXXXXCXXCXXC 29
Db 12 MACVESCVDNECSGVKCCSNGCGHTC 39

RESULT 4

US-08-761-248B-12
Sequence 12, Application US/08761248B
Patent No. 5958735
GENERAL INFORMATION:
APPLICANT: ROWLEY, DAVID R.
TITLE OF INVENTION: UROGENITAL SINUS DERIVED GROWTH
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jenkins & Gilchrist
STREET: 1100 Louisiana, Suite 1800
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77002
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,248B
FILING DATE: 06-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/008,348
FILING DATE: 07-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Turley, Charles P
REGISTRATION NUMBER: 35,723
REFERENCE/DOCKET NUMBER: 34012.6

TELECOMMUNICATION INFORMATION:
TELEPHONE: (713)9513310
TELEFAX: (713)9513314
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 44 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-761-248B-12

Query Match 88.3%; Score 68; DB 2; Length 44;
Best Local Similarity 17.9%; Pred. No. 34;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

OY 2 XXXXXXXXXX
DB 8 GICLHGDSDDCKEGKCCFCGCGYIC 35

RESULT 5
US-08-482-085B-91
Sequence 91, Application US/08482085B
Patent No. 6018030
GENERAL INFORMATION:
APPLICANT: Ferrari, Franco A.
APPLICANT: Richardson, Charles
APPLICANT: Chambers, James
APPLICANT: Causey, Stuart
APPLICANT: Pollock, Thomas J.
APPLICANT: Cappello, Joseph
APPLICANT: Cissman, John W.
TITLE OF INVENTION: No. 6018030e1 Peptides Comprising Repetitive
TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Encoding the Same
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albilton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,085B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/927,258
FILING DATE: 04-NOV-1986
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1987
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
APPLICATION NUMBER: US 08/175,155
FILING DATE: 29-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Trecartin, Richard F.
REGISTRATION NUMBER: 31,801
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249

INFORMATION FOR SEQ ID NO: 91:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-482-085B-91

Query Match 88.3%; Score 68; DB 3; Length 47;
Best Local Similarity 17.9%; Pred. No. 36;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

OY 2 XXXXXXXXXX
DB 1 ATGCACTACTCGATCTCATGTCATGC 28

RESULT 6
US-08-580-545B-6
Sequence 6, Application US/08580545B
Patent No. 5932713
GENERAL INFORMATION:
APPLICANT: Yoshinisa, Kasukabe
APPLICANT: Koichi, Fujisawa
APPLICANT: Susumu, Nishiguchi
APPLICANT: Yoshiniko, Maekawa
APPLICANT: Randy, Allen
TITLE OF INVENTION: COTTON FIBER TISSUE-SPECIFIC GENES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 601 Thirteenth Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/580,545B
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Bretschneider, Barry E.
REGISTRATION NUMBER: 28,055
REFERENCE/DOCKET NUMBER: 04473/068001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/783-5070
TELEFAX: 202/783-2331
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 297 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-580-545B-6

Query Match 88.3%; Score 68; DB 2; Length 297;
Best Local Similarity 17.9%; Pred. No. 2,4e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

OY 2 XXXXXXXXXX
DB 236 KDCIPLCGORCKLHSTNLCIRACMTCC 263

RESULT 7

US-09-262-653A-6
Sequence 6, Application US/09262653A
Patent No. 6166294
GENERAL INFORMATION:
APPLICANT: Yoshihisa, Kasukabe
APPLICANT: Koichi, Fujisawa
APPLICANT: Susumu, Nishiguchi
APPLICANT: Yoshihiko, Maekawa
APPLICANT: Randy, Allen
TITLE OF INVENTION: COTTON FIBER TISSUE-SPECIFIC GENES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 601 Thirteenth Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,653A
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Bretschneider, Barry E.
REGISTRATION NUMBER: 28,045
REFERENCE/DOCKET NUMBER: 04473/068001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/783-5070
TELEFAX: 202/783-2331
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 297 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-262-653A-6

Query Match 88.3%; Score 68; DB 3; Length 297;
Best Local Similarity 17.9%; Pred. No. 2.4e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXCXXCXXXXXXXXXXXXCXXCXXC 29
DB 236 KDCIFLCGCRKHLHSRTNCLRACTCC 263

RESULT 8
US-08-336-708A-9
Sequence 9, Application US/08336708A
Patent No. 5521295
GENERAL INFORMATION:
APPLICANT: Pacificl, Robert E.
APPLICANT: Thomason, Arlen R.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Hybrid Receptor Molecules
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,708A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oleski, Nancy
REFERENCE/DOCKET NUMBER: A-241A
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 644 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-336-708A-9

Query Match 88.3%; Score 68; DB 1; Length 644;
Best Local Similarity 17.9%; Pred. No. 5.3e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXCXXCXXXXXXXXXXXXCXXCXXC 29
DB 213 IICAOQCSGRKGRKSPDCCHMOCAAGC 240

RESULT 9
US-08-211-430-2
Sequence 2, Application US/08211430
Patent No. 5763166
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: NUCLEIC SEQUENCE OF THE GENE ASSOCIATED WITH
TITLE OF INVENTION: X CHROMOSOME LINKED KALLMANN SYNDROME, CORRESPONDING
TITLE OF INVENTION: PEPTIDE SEQUENCES, DIAGNOSTIC APPLICATIONS.
NUMBER OF SEQUENCES: 32
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (Epo)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/211,430
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 680 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
CELL LINE: foetal brain cell
US-08-211-430-2

Query Match 88.3%; Score 68; DB 1; Length 680;
Best Local Similarity 17.9%; Pred. No. 5.6e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXCXXCXXXXXXXXXXXXCXXCXXC 29
DB 145 AACVESCVDNCSGVKKCCSGCGHTC 172

RESULT 10
US-08-761-136-1
Sequence 1, Application US/08761136
Patent No. 6121231
GENERAL INFORMATION:

APPLICANT: PETIT, CHRISTINE
APPLICANT: SOUSSI-YANTICOTAS, NADIA
APPLICANT: HARDELIN, JEAN-PIERRE
APPLICANT: SARAILH, CATHERINE
APPLICANT: ROUGON, GENEVIEVE
APPLICANT: LEGOUTS, RENAUD
APPLICANT: ARDOUIN, OLIVIER
APPLICANT: MAZIE, JEAN-CLAUDE
TITLE OF INVENTION: USE OF KAL PROTEIN AND TREATMENT WITH
TITLE OF INVENTION: THE KAL PROTEIN IN TREATMENT OF RETINAL, RENAL, NEURONAL
TITLE OF INVENTION: AND NEURAL INJURY
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
CITY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,136
FILING DATE: 06-DEC-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-112-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-412-2220
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 680 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-761-136-1

Query Match 88.3%; Score 68; DB 3; Length 680;
Best Local Similarity 17.9%; Pred. No. 5.6e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXXXXXXXXX 29
Db 145 AACVSCVDNECGVKKCCSGCGHTC 172

RESULT 11
US-07-906-349A-6
Sequence 6, Application US/07906349A
Patent No. 5434064
GENERAL INFORMATION:
APPLICANT: Schlessinger, Joseph
APPLICANT: Skolnik, Edward Y.
APPLICANT: Margolis, Benjamin L.
TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING METHOD FOR
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR ENKARYOTIC TYROSINE KINASES AN
TITLE OF INVENTION: TARGET PROTEINS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA

ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/906,349A
FILING DATE: 30-JUN-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/643,237
FILING DATE: 18-JAN-1991
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 801 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-07-906-349A-6

Query Match 88.3%; Score 68; DB 1; Length 801;
Best Local Similarity 17.9%; Pred. No. 6.6e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXXXXX 28
Db 232 CCACAGCTGCGTGTGACAGCAGCGCTGT 259

RESULT 12
US-08-484-438-10
Sequence 10, Application US/08484438
Patent No. 5811098
Patent No. 5811098 5780031
GENERAL INFORMATION:
APPLICANT: Plovman, Gregory D.
APPLICANT: Culouscou, Jean-Michel
APPLICANT: Shoyab, Mohammed
APPLICANT: Siegel, Clay B.
APPLICANT: Hellstr m, Inggerd
APPLICANT: Hellstr m, Karl E.
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Penille & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,438
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/323,442
FILING DATE: 14-OCT-1994
APPLICATION NUMBER: US 08/150,704
FILING DATE: 10-NOV-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/981,165

FILING DATE: 24-NOV-1992
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-230
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 911 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-484-438-10

Query Match 88.3%; Score 68; DB 2; Length 911;
Best Local Similarity 17.9%; Pred. No. 7.5e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXXXXXXXXX XXXXXXXXXX XXXXXXXX 29
DB 211 TVCAEQDGRGCVGVSDCCHRCAGGC 238

RESULT 13
US-08-484-438-4
Sequence 4, Application US/08484438
Patent No. 5811098 5780031
GENERAL INFORMATION:
APPLICANT: Plozman, Gregory D.
APPLICANT: Culouscou, Jean-Michel
APPLICANT: Shoyab, Mohammed
APPLICANT: Siegal, Clay B.
APPLICANT: Hellstr m, Ingegerd
APPLICANT: Hellstr m, Karl E.
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,438
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/323,442
FILING DATE: 14-OCT-1994
APPLICATION NUMBER: US 08/150,704
FILING DATE: 10-NOV-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/981,165
FILING DATE: 24-NOV-1992
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-230

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1058 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-484-438-4

Query Match 88.3%; Score 68; DB 2; Length 1058;
Best Local Similarity 17.9%; Pred. No. 8.8e+02;
Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXXXXXXXXX XXXXXXXXXX XXXXXXXX 29
DB 211 TVCAEQDGRGCVGVSDCCHRCAGGC 238

RESULT 14
US-08-484-438-7
Sequence 7, Application US/08484438
Patent No. 5811098 5780031
GENERAL INFORMATION:
APPLICANT: Plozman, Gregory D.
APPLICANT: Culouscou, Jean-Michel
APPLICANT: Shoyab, Mohammed
APPLICANT: Siegal, Clay B.
APPLICANT: Hellstr m, Ingegerd
APPLICANT: Hellstr m, Karl E.
TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,438
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/323,442
FILING DATE: 14-OCT-1994
APPLICATION NUMBER: US 08/150,704
FILING DATE: 10-NOV-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/981,165
FILING DATE: 24-NOV-1992
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-230
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 1210 amino acids

; TYPE: amino acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 US-08-484-438-7

Query Match 88.3%; Score 68; DB 2; Length 1210;
 Best Local Similarity 17.9%; Pred. No. 1e+03;
 Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXXXXXXXXXXXXXXXXXXXXXXC 29
 Db 213 IICAOQCSGRCKRSPSDCCHNOCAAGC 240

RESULT 15

; US-08-475-035-4
 ; Sequence 4, Application US/08475035
 ; Patent No. 5985553
 ; GENERAL INFORMATION:
 ; APPLICANT: KING, C. R.
 ; APPLICANT: KRAUS, MATTHIAS H.
 ; APPLICANT: AARONSON, STUART A.
 ; TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
 ; STREET: Suite 1200, 127 Peachtree Street
 ; CITY: Atlanta
 ; STATE: Georgia
 ; COUNTRY: USA
 ; ZIP: 30303
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/475,035
 ; FILING DATE: 7 Jun 1995
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Perryman, David G.
 ; REGISTRATION NUMBER: 33,438
 ; REFERENCE/DOCKET NUMBER: 1414.656
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 404/688-0770
 ; TELEFAX: 404/688-9880
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1210 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 US-08-475-035-4

Query Match 88.3%; Score 68; DB 2; Length 1210;
 Best Local Similarity 17.9%; Pred. No. 1e+03;
 Matches 5; Conservative 23; Mismatches 0; Indels 0; Gaps 0;

QY 2 XXXXXXXXXXXXXXXXXXXXXXXC 29
 Db 213 IICAOQCSGRCKRSPSDCCHNOCAAGC 240

Search completed: March 1, 2001, 16:19:16
 Job time: 509 sec

